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(When Filled In)

MONTHLY PROJECT REPORT

ORIGINATOR(S)	BUDGET EST.		REPORTING PERIOD	
OC-E	FY	AMOUNT	1-31 August 1961	
ACTION				
FUTURE	<input checked="" type="checkbox"/> ACTIVE	COMPLETED	CANCELLED	SUSPENDED
PROJECT NUMBER	PRIORITY CLASS		PRIM. RESPONSIBILITY	PROJECT ENGINEER
E-5132	I		SDS	

PROJECT TITLE

AS-3 Automatic Receiving Position

PROJECT REQUIREMENT

Incorporate major available components into a base station system.

PROJECT DESCRIPTION

Design and install an Automatic Receiving Position at the [REDACTED] Station consisting of five SJ-4 receivers, CU-10 Agency 150 cps IDY signal unit, CV-13B converter, relay control panel and a BT-7 variable speed tape recorder. The system must be capable of automatically activating an alert alarm, starting the BT-7 recorder and keying a answer back transmitter upon receiving the 150 cps IDY signal from the Agent's AT-3 transmitter.

25X1A

APPROVAL DATE	APPROVED BY	STARTING DATE	COMPLETION DATE
FEB 1959	HWK _____ FGI _____	APRIL 7, 1961	JUNE 1961

REMARKS

25X1A During this reporting period the following occurred:

[REDACTED]

of Agency proposed systems. Banks of rack-mounted playback units are ready with pre-recorded messages. A single desk-type recorder is used to make the message tapes. The recorder, although not fully explained by the Pentagon's operating personnel, is compact and could probably be converted for use as a playback unit. Conversely, the playbacks could probably be converted to act as recorders.

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b. Discussions with [REDACTED] representatives brought forth a modified Spotmaster Model 500 Recorder-Reproducer (25 i.p.s.) and a modified Model 505 Playback Unit (1.6 i.p.s.). These units were tested with the two-channel system being developed at the R&D Lab. Their operation being satisfactory and with definite advantages over the BT-7 Recorder, eight each recorder units and eight each playback units were placed on requisition.

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MONTHLY PROJECT REPORT

PROJECT NUMBER	PRIM. RSPN.	REPORTING PERIOD
E-5132	SDS	1-31 August 1961
CONTINUED		

c. A Model of the standard Gates Carritape Recorder-Reproducer and a Gates recording amplifier were received for inspection and evaluation. Both units are adaptable for 19 inch rack mounting, an advantage over the Spotmaster equipment. Two Gates Carritape Recorder-Reproducer Units modified for Agency requirements (one to operate at 25 i.p.s., the other at 1.6 i.p.s.) have been ordered for test and evaluation.

d. The two-channel control panel recently fabricated by the R+D Lab has been designated the CP-6.

e. The decision was made to move two-channel system completed at R+D Lab to the OC-E Conference Room, Alcott Hall, for demonstration, familiarization, and further testing.

f. At a meeting held in the "I" Building Commo Conference Room between OC-T and OC-E representatives at which Chief, [redacted] was briefed on the AS-3 Base Station System (among other topics), operating procedures affecting functions of the AS-3 System were discussed. This was very useful in that it helped clarify what control functions would be needed in the finished system.

25X1A6a

g. Improvements in the CP-6 Control Panel that would increase its flexibility are now being considered.

h. In the two-channel systems SP-600-JX Receivers will be used. All equipment-receivers, control units, converter, control panel, and recorders will be mounted in one rack. The alarm bell will be mounted on top of the cabinet.

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